## IAP7 Rec'd PCT/PTO 10 AUG 2006

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES	ATTORNEY'S DOCKET NUMBER 65959/57					
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)					
INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE	10/586,882					
PCT/EP2005/001267 8 February 2005 (08.02.2005)	PRIORITY DATE CLAIMED 11 February 2004 (11.02.2004) 14 May 2004 (14.05.2004)					
TITLE OF INVENTION A DEVICE FOR ANALYZING AN INTERACTION BETWEEN TARGET AND PROBE MOLECULES						
APPLICANT(S) FOR DO/EO/US  Marinus Gerardus Johannes Van Beuningen						
Applicant herewith submits to the United States Designated/Elected Office (DO/Ed	O/US) the following items and other information:					
1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
2. This is a SECOND or SUBSEQUENT submission of items concerning a submission	on under 35 U.S.C. 371.					
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4. The US has been elected (Article 31).						
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))						
a. is attached hereto (required only if not communicated by the Internation	nal Bureau).					
b. has been communicated by the International Bureau.						
c. is not required, as the application was filed in the United States Received	ring Office (RO/US).					
6. An English language translation of the International Application as filed (35 U.S.	C. 371(c)(2)).					
a. is attached hereto.						
b. has been previously submitted under 35 U.S.C. 154(d)(4).						
7. Amendments to the claims of the International Application under PCT Article 19	(35 U.S.C. 371(c)(3))					
a. are attached hereto (required only if not communicated by the Interna						
b. have been communicated by the International Bureau.	b. have been communicated by the International Bureau.					
c. have not been made; however, the time limit for making such amend	ments has NOT expired.					
d. have not been made and will not be made.	d. have not been made and will not be made.					
8. An English language translation of the amendments to the claims under PCT A	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
0. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).						
Items 11 to 20 below concern document(s) or information included:						
11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.						
12. An assignment document for recording. A separate cover sheet in compliance w	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. A preliminary amendment.	A preliminary amendment.					
14. An Application Data Sheet under 37 CFR 1.76.	An Application Data Sheet under 37 CFR 1.76.					
15. A substitute specification.	A substitute specification.					
16. A power of attorney and/or change of address letter.	A power of attorney and/or change of address letter.					
17. A computer-readable form of the sequence listing in accordance with PCT Rule	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.					
18. A second copy of the published International Application under 35 U.S.C. 154(d	A second copy of the published International Application under 35 U.S.C. 154(d)(4).					
19. A second copy of the English language translation of the international application	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).					

This collection of Information Is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION N	O. (If Known, see 37 CFR 1.5)	INTERNATIONAL AP	PLICATION NO.	ATTORNEYS DO	PKE I NOWBER	
10/586,882 PCT/EP2005/001267		65959/57				
20. Other items or information:						
The following	fees have been submitted			CALCULATIONS	PTO USE ONLY	
21.  Basic national fee (37 CFR 1.492(a))			\$	110 002 0121		
22. Examination	n fee (37 CFR 1.492(c))					
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  All other situations\$200				\$		
23. Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0  Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority			\$			
TOTAL	I OF 24 22 and 22 =	<del>1</del>				
TOTAL OF 21, 22 and 23 =  Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			- 1-2			
Total Sheets Extra						
- 100 =	/50 =		x \$250	\$		
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			oath or declaration	\$		
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$		
Total claims	- 20 =		x \$50	\$		
Independent claims	- 3 =		x \$200	\$		
MULTIPLE DEPENDEN	NT CLAIM(S) (if applicable)		+ \$360	\$		
TOTAL OF ABOVE CALCULATIONS =			\$			
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						
SUBTOTAL =			\$			
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$	<u> </u>			
TOTAL NATIONAL FEE =			\$			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$ 40.00			
TOTAL FEES ENCLOSED =			\$ 40.00			
			Amount to be refunded:	\$		
				Amount to be charged	\$	

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a. 🗸	A check in the amount of \$ 40.00	to cover the above fe	ees is enclosed.				
b. 🗌	Please charge my Deposit Account NoA duplicate copy of this sheet is enclosed.	in the amount of \$	to cover the above fees.				
c. 🔽	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>01-1785</u> . A duplicate copy of this sheet is enclosed.						
d. 🗆	Fees are to be charged to a credit card. <b>WARNING</b> : Information on this form may become public. <b>Credit card information should not be included on this form</b> . Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.							
SEND A	LL CORRESPONDENCE TO:	_	Crafy & amord				
Craig J. Arnold Amster, Rothstein & Ebenstein LLP 90 Park Avenue New York, New York 10016		_	SIGNATURE				
		-	Craig J. Arnold NAME				
	(212) 336-8000	,	34,287				
			REGISTRATION NUMBER				

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August 10, 2006

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I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Name: | Joycelyn Giles Fenty, Signature: | Supplementation | Supplementation

Re: U.S. Patent Application No. 10/586,882 (United States National Stage Filing

of PCT Application No. PCT/EP2005/001267)

Title: A DEVICE FOR ANALYZING AN INTERACTION BETWEEN TARGET AND PROBE MOLECULES

Applicant: Marinus Gerardus Johannes Van Beuningen

Our File: 65959/57

Dear Sir:

Enclosed please find the following documents for filing in connection with the above-identified application:

- 1. a Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. § 371 (3 pages) (second submission);
- 2. a copy of the Declaration for Utility or Design Patent Application (2 pages);
- 3. a copy of the Power of Attorney and Correspondence Address Indication Form (1 page);
- 4. a Recordation Cover Sheet (1 page) and a copy of the Assignment of Invention (3 pages);
- 5. a check in the amount of \$40.00 to cover the Recordation of Assignment fee; and
- 6. a return receipt postcard.

The deadline for submission of the Declaration is August 11, 2006 (30 months from the February 11, 2004 earliest priority date). Accordingly, the Declaration is being timely filed and no surcharge fee is required.

Please charge any outstanding amount or credit any overpayment to Deposit Account No. 01-1785. A duplicate copy of this letter is enclosed. Please also acknowledge receipt of the enclosed documents by stamping the enclosed postcard and returning the same to us.

Respectfully submitted,

AMSTER, ROTHSTEIN & EBENSTEIN LLP Attorneys for Applicant 90 Park Avenue New York, New York 10016

(212) 336-8000

Dated: New York, New York

August 10, 2006

Craig J. Arnold

Registration No. 34,287